GOVERNMENT OF INDIA
ATOMIC ENERGY
LOK SABHA

UNSTARRED QUESTION NO:3915
ANSWERED ON:19.04.2000
URANIUM REACTORS
C. SREENIVAASAN

Will the Minister of ATOMIC ENERGY be pleased to state:

(a) the number of uranium reactors in the country at present alongwith the locations thereof;

(b) the number out of them functioning and from which source the uranium requirement of these reactors are met;

(c) whether these reactors have achieved optimum electricity generation capacity during the last three years;

(d) if not, the reasons therefor; and

(e) the corrective steps taken by the Government in this regard?

Answer

THE MINISTER OF STATE IN THE DEPARTMENT OF ATOMIC ENERGY

(SMT. VASUNDHRA RAJE)

(a) At present, there are twelve nuclear power reactors using uranium as fuel, under operation in the country, as follows :

Name of Station & Location	No. of Reactor Units
Tarapur Atomic Power Station, (TAPS) Maharashtra	2
Rajasthan Atomic Power Station, (RAPS) Rawatbhata, Rajasthan.	3
Madras Atomic Power Station, (MAPS), Kalpakkam, Tamil Nadu.	2
Narora Atomic Power Station, (NAPS) Narora, Uttar Pradesh.	2
Kakrapar Atomic Power Station, (KAPS) Kakrapar, Gujarat	2
Kaiga Atomic Power Station, Kaiga, Karnataka.	1
TOTAL	12

(b) All the above reactors are functioning. Out of these, two reactors (TAPS-1&2), based on Boiling Water Reactor

(BWR) technology, use slightly enriched uranium as fuel. Remaining ten reactors based on Pressurised Heavy WaterReactor (PHWR) technology, use indigenously availablenatural uranium as fuel. The requirement of fuel for TAPS-1&2 is met from imports. The requirement of natural uranium is met from indigenous sources.

(c) Yes, Sir.

(d) & (e) Do not arise.